



09-451739
RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/451,739 G

Source:

1600

Date Processed by STIC:

9-26-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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<http://www.uspto.gov/web/offices/pac/checker>

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1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 04/24/2003



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/451,739G

DATE: 09/26/2003

TIME: 14:33:03

Input Set : A:\LUD5615-seq.txt

Output Set: N:\CRF4\09262003\I451739G.raw

1 <110> APPLICANT: Jager, Dirk
 2 Scanlan, Matthew
 3 Gure, Ali
 4 Jager, Elke
 5 Knuth, Alexander
 6 Old, Lloyd
 7 Chen, Yao-tseng
 9 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding Cancer Associated Antigens,
 10 the Antigens per se, and Uses Thereof
 12 <130> FILE REFERENCE: LUD 5615
 14 <140> CURRENT APPLICATION NUMBER: 09/451,739G
 16 <141> CURRENT FILING DATE: 1999-11-30
 18 <160> NUMBER OF SEQ ID NOS: 19

ERRORED SEQUENCES

Does Not Comply
 Corrected Diskette Needed

357 <210> SEQ ID NO: 8
 358 <211> LENGTH: 772
 359 <212> TYPE: DNA
 360 <213> ORGANISM: Homo sapiens
 361 <221> NAME/KEY: CDS
 362 <222> LOCATION: 689,714
 363 <400> SEQUENCE: 8
 364 aaagcgttct cggcggcagc gcaacaacta gaaccgtgag aacgcgtcca gcaaccgcga 60
 366 cccacgacga cgtcacctcg ggcacgccca aggagaagaa agcccagacc tctaagaaga 120
 368 agcagggtct catggccaag gcgtagcggc aggcgtcccc cgcagacctc cccatcgacc 180
 370 ccagcgagcc ctctactgg gagatgatcc gctgcgacaa cgaatgcccc atcgagtgg 240
 372 tccgcttctc gtgtgtgagt ctcaaccata aaccaaagcg caagtggtag tgttcagat 300
 374 gccggggaaa gaacgatggg caaagccctt gagaagtcca gaaaaaaac agggcttata 360
 376 acaggtagtt tggggacatg cgtctaatag tgaggagAAC aaaataagcc agtgtgttga 420
 378 ttacattgcc acccttctg aggtgcagga agtgtaaaat gtatatattt aaagaatgtt 480
 380 gttagaggcc gggcgcggtg gctcacgcct gtaatcccag cactttggga ggccgaggcg 540
 382 gtcggatcac gaggtcagga gatcgagacc atcctggcta acacggtgaa acccgcgtctc 600
 384 tactaaaaat tcaaaaaaaa aattagctgg gcgtgggtggc gggcgccctgt agtcccagct 660
 W--> 386 attcgggagg ctgaggcagg agaattggga gaacctggga ggtggagctt gcaatgagcc 720
 388 aaggtcgcgc cactgcactc cagcctgggc gacagagcga gactccatct ta 772
 439 <210> SEQ ID NO: 15
 440 <211> LENGTH: 2030
 441 <212> TYPE: DNA
 442 <213> ORGANISM: Homo sapiens
 443 <221> NAME/KEY: CDS
 444 <222> LOCATION: 1628, 1752, 1758, 1769, 1789, 1873, 1908, 1915, 1933, 1970, 1976, 2022
 445 <223> SEQUENCE: 15

Don't use CDS, it denotes coding sequence
 No explanation for "N"
 see item 9 on error summary report.
 explain "n"s
 Don't use
 insert and explain "n"s

RAW SEQUENCE LISTING

DATE: 09/26/2003

PATENT APPLICATION: US/09/451,739G

TIME: 14:33:03

Input Set : A:\LUD5615-seq.txt

Output Set: N:\CRF4\09262003\I451739G.raw

445 <400> SEQUENCE: 15
 446 ctctgtgccgt taaagatggt cttctgaagg ctaactgctg aatgaaagt tctattccaa 60
 448 ctaaagcctt agaattgatg gacatgcaaa ctttcaaagc agagcctccc gagaagccat 120
 450 ctgccttcga gcttgccatt gaaatgcaaa agtctgttcc aaataaagcc ttggaattga 180
 452 agaatgaaca aacattgaga gcagatgaga tactcccatc agaatccaaa caaaaggact 240
 454 atgaagaaag ttcttgggat tctgagagtc tctgtgagac tgtttcacag aaggatgtgt 300
 456 gtttacccaa ggctacacat caaaaagaaa tagataaaat aaatggaaaa ttagaagagt 360
 458 ctctctgataa tgatggtttt ctgaaggctc cctgcagaat gaaagtctt attccaacta 420
 460 aagccttaga attgatggac atgcaaaact tcaaagcaga gcctcccgag aagccatctg 480
 462 cttctgagcc tgccattgaa atgcaaaagt ctgttccaaa taaagccttg gaattgaaga 540
 464 atgaacaaac attgagagca gatcagatgt tcccttcaga atcaaaacaa aagaagggtg 600
 466 aagaaaattc ttgggattct gagagtctcc gtgagactgt ttcacagaag gatgtgtgtg 660
 468 tacccaaggc tacacatcaa aaagaaatgg ataaaataag tggaaaatta gaagattcaa 720
 470 cttagcctatc aaaaatcttg gatacagttc attcttgtga aagagcaagg gaacttcaa 780
 472 aagatcactg tgaacaacgt acaggaaaaa tggaaacaaat gaaaaagaag ttttgtgtac 840
 474 tgaaaaagaa actgtcagaa gcaaaaagaaa taaaatcaca gttagagaac caaaaagtta 900
 476 aatgggaaca agagctctgc agtgtgagat tgactttaaa ccaagaagaa gagaagagaa 960
 478 gaaatgccga tatattaaat gaaaaaatta gggaagaatt aggaagaatc gaagagcagc 1020
 480 ataggaaaga gttagaagtg aaacaacaac ttgaacaggc tctcagaata caagatatag 1080
 482 aattgaagag ttagaagagt aatttgaatc aggtttctca cactcatgaa aatgaaaatt 1140
 484 atctcttaca tgaaaattgc atgttgaaaa aggaaattgc catgctaaaa ctggaaaatg 1200
 486 ccacactgaa acaccaatac caggaaaagg aaaataaata ctttgaggac attagattt 1260
 488 taaaagaaaa gaatgctgaa cttcagatga ccctaaaact gaaagaggaa tcattaacta 1320
 490 aaagggcac tcaatatagt gggcagctta aagtctgat agctgagaac acaatgctca 1380
 492 cttctaaatt gaaggaaaaa caagacaaag aaatactaga ggcagaaatt gaatcacacc 1440
 494 atcctagact ggcttctgct gtacaagacc atgatcaaat tgtgacatca agaaaaagtc 1500
 496 aagaacctgc tttccacatt gcaggagatg cttgtttgca aagaaaaatg aatgttgatg 1560
 498 tgagtagtac cgatatataa caatgaggtg ctccatcaac cactttctga agctcaaagg 1620
 W--> 500 aaatccanaa gcctaaaaat taatctcaat tatgcaggag atgctctaag agaaaaataca 1680
 502 ttggtttcag gaacatgcac aaagagacca acgtgaaaca cagtgtcaaa tgaaggaagc 1740
 504 tgaacacatg tntcaaanag aacaagatna tgtgaacaaa cacactganc agcaggagtc 1800
 506 tctagatcag aaattatttc aactacaaag caaaaatatg tggcttcaac agcaattagt 1860
 508 tcatgcacat aangaaagct gacaacaaaa gcaagataac aattgatntt cattntcttg 1920
 510 agaggaaaat gencatcatc ttctaaaaga gaaaaatgag gagatatttn attacnataa 1980
 512 ccatttataa aaccctgata tttcaatatg gaaaaaaaaa anaaaaaaaaa 2030

VERIFICATION SUMMARY

DATE: 09/26/2003

PATENT APPLICATION: US/09/451,739G

TIME: 14:33:04

Input Set : A:\LUD5615-seq.txt

Output Set: N:\CRF4\09262003\I451739G.raw

L:25 M:283 W: Missing Blank Line separator, <220> field identifier
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:180
L:87 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:134 M:283 W: Missing Blank Line separator, <400> field identifier
L:166 M:283 W: Missing Blank Line separator, <400> field identifier
L:202 M:283 W: Missing Blank Line separator, <400> field identifier
L:262 M:283 W: Missing Blank Line separator, <220> field identifier
L:263 M:283 W: Missing Blank Line separator, <400> field identifier
L:310 M:283 W: Missing Blank Line separator, <400> field identifier
L:363 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8
L:363 M:283 W: Missing Blank Line separator, <400> field identifier
L:386 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:386 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:8
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:660
L:395 M:283 W: Missing Blank Line separator, <400> field identifier
L:403 M:283 W: Missing Blank Line separator, <400> field identifier
L:411 M:283 W: Missing Blank Line separator, <400> field identifier
L:419 M:283 W: Missing Blank Line separator, <400> field identifier
L:427 M:283 W: Missing Blank Line separator, <400> field identifier
L:435 M:283 W: Missing Blank Line separator, <400> field identifier
L:445 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:15
L:445 M:283 W: Missing Blank Line separator, <400> field identifier
L:500 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15
L:500 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:15
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1620
M:341 Repeated in SeqNo=15
L:519 M:283 W: Missing Blank Line separator, <400> field identifier
L:620 M:283 W: Missing Blank Line separator, <400> field identifier
L:628 M:283 W: Missing Blank Line separator, <400> field identifier
L:636 M:283 W: Missing Blank Line separator, <400> field identifier